

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1    | 1    | (US-5854891-\$).did.  | USPAT              | OR               | ON      | 2006/10/13 05:57 |
| L2    | 1    | (US-5854891-\$).did. and (flush\$ updat\$ new)  | USPAT              | OR               | ON      | 2006/10/13 05:58 |
| L3    | 1    | (US-5854891-\$).did. and (user error)   | USPAT              | OR               | ON      | 2006/10/13 06:00 |
| L4    | 1005 | flush with memory with cache  | USPAT              | OR               | ON      | 2006/10/13 06:00 |
| L5    | 61   | flush with memory adj cache   | USPAT              | OR               | ON      | 2006/10/13 06:00 |
| L6    | 0    | flush with memory adj cache and smart adj card  | USPAT              | OR               | ON      | 2006/10/13 06:00 |
| L7    | 0    | flush with memory adj cache and smart adj card  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/10/13 06:00 |
| L8    | 3    | flush\$3 with memory adj cache and smart adj card   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/10/13 06:01 |
| L9    | 19   | synchronize with smart adj card   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/10/13 06:01 |
| L10   | 1    | "5941947".pn.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/10/13 06:24 |
| L11   | 1046 | 713/189.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/10/13 06:27 |
| L12   | 480  | 713/189.ccls.   | USPAT              | OR               | ON      | 2006/10/13 06:36 |
| L13   | 78   | ("20030097582" "5682514" "5835943" "6012085" "6122637"<br>"6339787" "6615275" "20030050996" "5668987" "5689638"<br>"5396614" "5452447" "5627987" "5713008" "5740370"<br>"5890189" "5941947" "5948062" "5983227" "6081900"<br>"6119167" "6192408" "6640302" "6732106" "20020073102"<br>"20050008163" "20060136688" "5889952" "5918224"<br>"20060107035" "6189043" "6249834" "6959362"<br>"20040128252" "20040225848" "20050268042" "5317716"<br>"5265227" "5664217" "5860158" "5923898" "4766537"<br>"5418956" "5440740" "5537570" "5539893" "5606675"<br>"5644581" "5734922" "5754877" "5787468" "5796605"<br>"5802574" "5805839" "5845106" "5878268" "5890213"<br>"5890212" "5890211" "5895492" "5954801" "5956744"<br>"5966726" "5970508" "5978882" "5978805" "6009499"<br>"6052760" "6092156" "6131144" "6167488" "6195717"<br>"6202152" "6247099" "6321240" "6330556" "6360361"<br>"6415357" "6457021" "6484240" "6816952" "6877056"<br>"6901433" "6928519" "6970979" "6970980" "6973545"<br>"20030149758" "20040003180" "20040003181" "20040003182"<br>"20040003183" "20040010610" "20040024925" "20040030842"<br>"20040111564" "20040123049" "20040215895" "20040260885"<br>"20040260886" ).pn. | USPAT              | OR               | ON      | 2006/10/13 06:27 |
| L14   | 100  | ("20030097582" "5682514" "5835943" "6012085" "6122637"<br>"6339787" "6615275" "20030050996" "5668987" "5689638"<br>"5396614" "5452447" "5627987" "5713008" "5740370"<br>"5890189" "5941947" "5948062" "5983227" "6081900"<br>"6119167" "6192408" "6640302" "6732106" "20020073102"<br>"20050008163" "20060136688" "5889952" "5918224"<br>"20060107035" "6189043" "6249834" "6959362"<br>"20040128252" "20040225848" "20050268042" "5317716"<br>"5265227" "5664217" "5860158" "5923898" "4766537"<br>"5418956" "5440740" "5537570" "5539893" "5606675"<br>"5644581" "5734922" "5754877" "5787468" "5796605"<br>"5802574" "5805839" "5845106" "5878268" "5890213"<br>"5890212" "5890211" "5895492" "5954801" "5956744"<br>"5966726" "5970508" "5978882" "5978805" "6009499"<br>"6052760" "6092156" "6131144" "6167488" "6195717"<br>"6202152" "6247099" "6321240" "6330556" "6360361"<br>"6415357" "6457021" "6484240" "6816952" "6877056"<br>"6901433" "6928519" "6970979" "6970980" "6973545"<br>"20030149758" "20040003180" "20040003181" "20040003182"<br>"20040003183" "20040010610" "20040024925" "20040030842"<br>"20040111564" "20040123049" "20040215895" "20040260885"<br>"20040260886" ).pn. | US-PGPUB;<br>USPAT | OR               | ON      | 2006/10/13 06:27 |

# EAST Search History

|     |      |  |                    |    |    |                  |
|-----|------|--|--------------------|----|----|------------------|
| L15 | 47   | ("20010008015" "20020080190" "20020083275" "20040199727" "5452447" "5452447" "5590200" "5682514" "5740370" "5835943" "5878218" "5896506" "5940594" "6012085" "6122637" "6205481" "6253297" "6308268" "6339787" "6374332" "6412048" "6415357" "6430618" "6481621" "6516357" "6526469" "6557104" "6697899" "6729549" "6738901" "6757788" "6824064" "6842770" "6854057" "6871278" "6873975" "6874017" "6879808" "6880037" "6889329" "6918113" "6952712" "6959320" "6983288" "6985722" "6985754" "6986018" "7003556").PN.  | US-PGPUB;<br>USPAT | OR | ON | 2006/10/13 06:36 |
| L16 | 57   | (US-20010008015-\$ or US-20020080190-\$ or US-20020083275-\$ or US-20040199727-\$).did. or (US-5590200-\$ or US-5854891-\$ or US-6516357-\$ or US-6557104-\$ or US-6871278-\$ or US-7085931-\$ or US-6729549-\$ or US-6854057-\$ or US-5835943-\$ or US-6339787-\$ or US-6873975-\$ or US-6253297-\$ or US-6412048-\$ or US-5889952-\$ or US-6757788-\$ or US-6122637-\$ or US-6360952-\$ or US-6012085-\$ or US-6880037-\$ or US-6205481-\$ or US-6918113-\$ or US-6308268-\$ or US-6481621-\$ or US-6738901-\$ or US-6889329-\$ or US-6824064-\$).did. or (US-5740370-\$ or US-5878218-\$ or US-5452447-\$ or US-5682514-\$ or US-6415357-\$ or US-6374332-\$ or US-6959320-\$ or US-5896506-\$ or US-5535361-\$ or US-6986018-\$ or US-6952712-\$ or US-6874017-\$ or US-6879808-\$ or US-5940594-\$ or US-6983288-\$ or US-6697899-\$ or US-6430618-\$ or US-7003556-\$ or US-6985754-\$ or US-6985722-\$ or US-6842770-\$ or US-6526469-\$ or US-6981138-\$ or US-5590193-\$ or US-5941947-\$ or US-5860158-\$ or US-5787468-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2006/10/13 06:36 |
| L17 | 10   | I16 not I15  | USPAT              | OR | ON | 2006/10/13 06:36 |
| S1  | 8    | ("5941947" "6018717" "6092202" "6105027" "6158007" "6179205" "6273335").PN. ("5854891").PN.  | US-PGPUB;<br>USPAT | OR | ON | 2006/10/10 06:33 |
| S2  | 9    | ("5941947" "6018717" "6092202" "6105027" "6158007" "6179205" "6273335").PN. ("5854891").PN. "6694436".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 14:50 |
| S3  | 1    | personal adj security adj device and secur\$ adj cach\$ and latency  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/15 16:04 |
| S4  | 49   | ("6192408" "6610302" "6732106" "5889952" "5918221" "6189013" "6249834" "6047356" "5537418" "5652758" "5787267" "5956712" "6000007" "5601862" "5737536" "5812996" "5822749" "5848241" "5996017" "6081883" "6138162" "6212565" "6212565" "6240461" "5287507" "5305389" "5426747" "5493728" "5548740" "5555371" "5564107" "5682511" "5835943" "6012085" "6122637" "6339787" "6615275" "5668987" "5689638" "5396614" "5452117" "5627987" "5713008" "5710370" "5890189" "5911917" "5918062" "5983227" "6081900" "6119167").pn.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/15 16:08 |
| S5  | 4    | latency same (smartcard smart adj card) same cache   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/15 16:14 |
| S6  | 797  | 713/189.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/15 16:14 |
| S7  | 330  | 713/189.ccls.  | USPAT              | OR | ON | 2005/09/15 16:20 |
| S8  | 11   | secure adj cache   | USPAT              | OR | ON | 2005/09/15 16:21 |
| S9  | 0    | secure adj cache and smartcard   | USPAT              | OR | ON | 2005/09/15 16:21 |
| S10 | 1    | secure adj cache and smart adj card  | USPAT              | OR | ON | 2005/09/15 17:28 |
| S11 | 7666 | smartcard smart adj card   | USPAT              | OR | ON | 2005/09/15 17:28 |
| S12 | 979  | smartcard smart adj card same cache  | USPAT              | OR | ON | 2005/09/15 17:28 |
| S13 | 956  | smartcard smart adj card same cache and latency  | USPAT              | OR | ON | 2005/09/15 17:29 |
| S14 | 4    | (smartcard smart adj card) same cache and latency  | USPAT              | OR | ON | 2005/09/15 17:31 |
| S15 | 1258 | flush\$ same cache and latency   | USPAT              | OR | ON | 2005/09/15 17:31 |
| S16 | 0    | flush\$ same cache and latency and (713/189.ccls.)   | USPAT              | OR | ON | 2005/09/15 17:32 |
| S17 | 1258 | flush\$ same cache and latency   | USPAT              | OR | ON | 2005/09/15 17:32 |
| S18 | 136  | flush\$ same cache and latency and (encrypt\$ crypto\$)  | USPAT              | OR | ON | 2005/09/15 17:32 |
| S19 | 136  | access and flush\$ same cache and latency and (encrypt\$ crypto\$)   | USPAT              | OR | ON | 2005/09/15 17:32 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S20 | 0     | access same righ and flush\$ same cache and latency and (encrypt\$ crypto\$)                        | USPAT   | OR | ON | 2005/09/15 17:33 |
| S21 | 48    | access same right\$ and flush\$ same cache and latency and (encrypt\$ crypto\$)                     | USPAT   | OR | ON | 2005/09/15 17:34 |
| S22 | 29    | access same right\$ and flush\$ same cache and latency and (encrypt\$ crypto\$) and silverbrook.as. | USPAT   | OR | ON | 2005/09/15 17:35 |
| S23 | 19    | S21 not S22   | USPAT   | OR | ON | 2005/09/15 17:36 |
| S24 | 380   | cache adj server  | USPAT   | OR | ON | 2005/09/15 17:36 |
| S25 | 113   | cache adj server and latency  | USPAT   | OR | ON | 2005/09/15 17:42 |
| S26 | 7     | cache adj server and SMARTCARD  | USPAT   | OR | ON | 2005/09/15 17:43 |
| S27 | 30    | cache adj server and SMART ADJ CARD   | USPAT   | OR | ON | 2005/09/15 17:55 |
| S28 | 109   | cache adj server and latency and access   | USPAT   | OR | ON | 2005/09/15 17:56 |
| S29 | 309   | cache adj server and latency and access   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 17:56 |
| S30 | 178   | cache adj server and latency and access and @ad<"20011119"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 17:56 |
| S31 | 182   | cache adj server and latency and access and @ad<"20011130"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 17:56 |
| S32 | 4     | S31 not S30   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/15 17:56 |
| S33 | 1     | "5854891".pn.   | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/15 17:59 |
| S34 | 7     | ("5854891").URPN.   | USPAT   | OR | ON | 2005/09/15 18:00 |
| S35 | 20    | activcard.as.   | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/16 11:47 |
| S36 | 1     | activcard.as. and cach\$  | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/16 11:48 |
| S37 | 0     | activcard.as. and cach\$ and server   | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/16 11:48 |
| S38 | 1     | activcard.as. and cach\$  | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/16 11:49 |
| S39 | 5     | ("20030059210"   "20030236110"   "5360277"   "6151541"   "6438565").PN.                             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/16 11:49 |
| S40 | 15822 | (cache proxy) with server   | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/16 12:00 |
| S41 | 15822 | ((cache proxy) with server) same server   | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/16 12:02 |
| S42 | 1077  | ((cache proxy) with server) same server and (smartcard smart adj card)                              | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/16 12:02 |
| S43 | 546   | ((cache proxy) with server) same server and (smartcard smart adj card) and @ad<"20011119"           | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/16 12:26 |
| S44 | 0     | proxy adj server same (smartcard smart adj card) same latency                                       | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/16 12:27 |
| S45 | 0     | proxy adj server same (smartcard smart adj card) same speed   | US-PGPUB;<br>USPAT  | OR | ON | 2005/09/16 12:27 |

## EAST Search History

|     |       |  |                    |    |    |                  |
|-----|-------|--|--------------------|----|----|------------------|
| S46 | 0     | proxy adj server same (smartcard smart adj card) same fast\$   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 12:27 |
| S47 | 25    | proxy adj server same (smartcard smart adj card)   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 13:09 |
| S48 | 77    | ("5941947").URPN.  | USPAT              | OR | ON | 2005/09/16 13:29 |
| S49 | 248   | virtual same (smartcard smart adj card)  | USPAT              | OR | ON | 2005/09/16 13:30 |
| S50 | 695   | virtual same (smartcard smart adj card)  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 13:30 |
| S51 | 344   | virtual with (smartcard smart adj card)  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 14:19 |
| S52 | 99    | ("5682514" "5835943" "6012085" "6122637" "6339787"<br>"5396614" "5452447" "5627987" "5713008" "5740370"<br>"5890189" "6615275" "5668987" "5689638" "5941947"<br>"5948062" "5983227" "6081900" "6119167" "6192408"<br>"6640302" "6732106" "6047356" "5604862" "5287507"<br>"5305389" "5426747" "5548740" "5603019" "5608909"<br>"5613124" "5649139" "5727203" "5793970" "5793965"<br>"5829022" "5878213" "5930513" "6064406" "6073139"<br>"6088799" "6125403" "6167459" "6185685" "6199141"<br>"6247017" "5222217" "5313638" "5353419" "5359713").pn.<br>("5481720" "5491808" "5504883" "5519853" "5583994"<br>"5592626" "5673394" "5712975" "5720037" "5754773"<br>"5764972" "5772512" "5778445" "5787471" "5799150"<br>"5832499" "5835908" "5838916" "5857203" "5878218"<br>"5893097" "5926631" "5925100" "5940613" "5956488"<br>"5961603" "5961602" "5987501" "6003066" "6026474"<br>"6049891" "6065043" "6085307" "6092080" "6115741"<br>"6115742" "6119153" "6223211" "6223211" "6243719"<br>"6253283" "6256711" "6275867" "6311216" "6324581"<br>"6336135" "6353831" "6366952" "6377991" "6381627").pn. | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 14:19 |
| S53 | 1     | ((("5941947" "6018717" "6092202" "6105027" "6158007" "61792<br>05" "6273335").PN. ("5854891").PN. "6694436".pn.) and flush\$   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 14:34 |
| S54 | 45    | virtual adj smartcard or virtual adj smart adj card  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 14:58 |
| S55 | 2185  | (smartcard smart adj card) and cach\$  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 14:58 |
| S56 | 138   | (smartcard smart adj card) same cach\$   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 14:58 |
| S57 | 108   | (smartcard smart adj card) same cach\$ and server  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 14:59 |
| S58 | 4     | ("6481621").URPN.  | USPAT              | OR | ON | 2005/09/16 15:24 |
| S59 | 301   | memory adj cache and access adj rights   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 15:50 |
| S60 | 202   | memory adj cache and access adj rights and @ad<"20011119"  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 15:52 |
| S61 | 10    | memory adj cache same access adj rights and<br>@ad<"20011119"  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 15:52 |
| S62 | 11    | memory adj cache same access adj rights  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 16:20 |
| S63 | 0     | memory adj cache same access adj rights  | EPO; JPO           | OR | ON | 2005/09/16 16:20 |
| S64 | 10397 | cache caching  | EPO; JPO           | OR | ON | 2005/09/16 16:20 |
| S65 | 5     | S64 and (smartcard smart adj card)   | EPO; JPO           | OR | ON | 2005/09/16 16:23 |
| S66 | 1765  | boyer.in.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 16:23 |
| S67 | 2     | boyer.in. and activcard.as.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 16:26 |
| S68 | 1     | boyer.in. and activcard.as. and cach\$   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 16:33 |
| S69 | 5     | ("20030236110" "20030059210" "6438565" "6151541"<br>"5360277").pn.   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/16 16:33 |
| S73 | 26    | relea\$ with exclusive adj right   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/17 06:43 |

## EAST Search History

|          |      |   |                              |    |    |                  |
|----------|------|---|------------------------------|----|----|------------------|
| S74      | 4070 | flush\$ with cache  | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/17 06:59 |
| S75      | 277  | flush\$ with cache and "713"/\$.ccls.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/17 07:00 |
| S76      | 188  | flush\$ with cache and "713"/\$.ccls.   | USPAT                        | OR | ON | 2005/09/17 07:00 |
| S77      | 161  | flush\$ with cache same error   | USPAT                        | OR | ON | 2005/09/17 07:00 |
| S78      | 173  | flush\$ with cache same (error reboot\$ logout)   | USPAT                        | OR | ON | 2005/09/17 07:02 |
| S79      | 0    | flush\$ with cache same (error and reboot\$ and logout)   | USPAT                        | OR | ON | 2005/09/17 07:03 |
| S80      | 1    | flush\$ with cache same (error and reboot\$ and logout)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/17 07:03 |
| S81      | 1    | flush\$ with cache same (reboot\$ and logout)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/17 07:03 |
| S82      | 24   | flush\$ with cache same (reboot\$)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/17 07:03 |
| S85      | 25   | (US-20010008015-\$ or US-20020080190-\$).did. or<br>(US-5452447-\$ or US-5590200-\$ or US-5682514-\$ or<br>US-5740370-\$ or US-5835943-\$ or US-5854891-\$ or<br>US-5878218-\$ or US-6012085-\$ or US-6122637-\$ or<br>US-6253297-\$ or US-6308268-\$ or US-6339787-\$ or<br>US-6412048-\$ or US-6481621-\$ or US-6516357-\$ or<br>US-6557104-\$ or US-6729549-\$ or US-6738901-\$ or<br>US-6824064-\$ or US-6854057-\$ or US-6871278-\$ or<br>US-6880037-\$ or US-6889329-\$).did. | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/17 07:39 |
| S86      | 1    | "6694436".pn.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/17 07:39 |
| S87      | 65   | (smartcard smart adj card) with cache   | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/14 16:40 |
| S88      | 7330 | cache with prior  | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/15 05:47 |
| S89      | 430  | cache with prior same network   | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/15 05:47 |
| S90      | 207  | cache with prior same network   | USPAT                        | OR | ON | 2006/03/15 05:47 |
| S91      | 72   | cache adj server with (prior advance first)   | USPAT                        | OR | ON | 2006/03/15 06:01 |
| S92      | 6    | cache adj server with (pull)  | USPAT                        | OR | ON | 2006/03/15 06:01 |
| S93      | 6    | cache adj server with (pull fetch)  | USPAT                        | OR | ON | 2006/03/15 06:01 |
| S94      | 19   | cache adj server with (pull fetch)  | USPAT                        | OR | ON | 2006/03/15 06:01 |
| S95      | 1    | "5896506".pn.   | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/17 08:12 |
| S96      | 1    | "5941947".pn.   | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/17 08:09 |
| S10<br>3 | 97   | *cache same exclusive with right  | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/17 08:44 |
| S10<br>4 | 67   | cache with exclusive with right   | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/17 08:47 |
| S10<br>5 | 1    | cache with exclusive with right with port   | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/17 08:47 |
| S10<br>6 | 1    | cache with exclusive with right same port   | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/17 08:47 |
| S10<br>7 | 25   | exclusive with right with port  | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/17 08:48 |
| S11<br>4 | 909  | 713/189.ccls.   | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/17 09:26 |
| S11<br>5 | 387  | 713/189.ccls.   | USPAT                        | OR | ON | 2006/03/17 09:33 |
| S11<br>6 | 1    | 713/189.ccls. and cache adj server  | USPAT                        | OR | ON | 2006/03/17 09:33 |

# EAST Search History

|          |     |  |                    |    |    |                  |
|----------|-----|--|--------------------|----|----|------------------|
| S11<br>7 | 436 | cache adj server   | USPAT              | OR | ON | 2006/03/17 09:33 |
| S11<br>8 | 169 | cache adj server and card  | USPAT              | OR | ON | 2006/03/17 09:34 |
| S11<br>9 | 170 | cache adj server and (card smartcard)  | USPAT              | OR | ON | 2006/03/17 09:39 |
| S12<br>0 | 98  | ("5682514" "5835943" "6012085" "6122637" "6339787"<br>"6615275" "5668987" "5689638" "5396614" "5452447"<br>"5627987" "5713008" "5740370" "5890189" "5941947"<br>"5948062" "5983227" "6081900" "6119167" "6192408"<br>"6640302" "6732106" "5889952" "5918224" "6189043"<br>"6249834" "6959362" "6047356" "5537418" "5652758"<br>"5787267" "5956712" "6000007" "5604862" "5737536"<br>"5812996" "5822749" "5848241" "5996017" "6081883"<br>"6138162" "6212565" "6212565" "6240461" "5287507"<br>"5305389" "5426747" "5493728" "5548740" "5555371").pn.<br>("5564107" "5594915" "5603019" "5608909" "5613124"<br>"5617568" "5623625" "5634122" "5649139" "5689701"<br>"5717897" "5727203" "5737747" "5740175" "5740367"<br>"5745756" "5751958" "5787466" "5793970" "5793965"<br>"5794229" "5794228" "5829046" "5829022" "5829019"<br>"5832521" "5832508" "5864854" "5878213" "5893139"<br>"5924071" "5930513" "5933603" "5974509" "5987254"<br>"6003082" "6012052" "6014667" "6016520" "6018619"<br>"6021426" "6061504" "6061504" "6064406" "6070251"<br>"6073139" "6081538" "6088799" "6088718" "6119151").pn. | USPAT              | OR | ON | 2006/03/17 09:39 |
| S12<br>1 | 24  | ("20010008015" "20020080190" "5452447" "5590200" "568251<br>4" "5740370" "5835943" "5878218" "6012085" "6122637" "6253<br>297" "6308268" "6339787" "6412048" "6481621" "6516357" "65<br>57104" "6729549" "6738901" "6824064" "6854057" "6871278" "<br>6880037" "6889329").PN.  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/17 10:17 |
| S12<br>2 | 50  | (US-20010008015-\$ or US-20020080190-\$ or<br>US-20020083275-\$ or US-20040199727-\$).did. or<br>(US-5835943-\$ or US-6012085-\$ or US-6122637-\$ or<br>US-6339787-\$ or US-6738901-\$ or US-6253297-\$ or<br>US-6412048-\$ or US-6557104-\$ or US-6918113-\$ or<br>US-5854891-\$ or US-6205481-\$ or US-6516357-\$ or<br>US-6308268-\$ or US-6481621-\$ or US-6880037-\$ or<br>US-6889329-\$ or US-6871278-\$ or US-6854057-\$ or<br>US-6824064-\$ or US-6729549-\$ or US-5590200-\$ or<br>US-5740370-\$ or US-5682514-\$ or US-5452447-\$ or<br>US-5878218-\$ or US-6959320-\$).did. or (US-5940594-\$ or<br>US-6952712-\$ or US-6879808-\$ or US-5896506-\$ or<br>US-6874017-\$ or US-6430618-\$ or US-6526469-\$ or<br>US-5535361-\$ or US-6697899-\$ or US-6757788-\$ or<br>US-6374332-\$ or US-6415357-\$ or US-6873975-\$ or<br>US-7003556-\$ or US-6986018-\$ or US-6985754-\$ or<br>US-6985722-\$ or US-6983288-\$ or US-6842770-\$ or<br>US-5889952-\$).did.   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/17 10:17 |
| S12<br>3 | 26  | S122 not S121  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/17 10:17 |
| S12<br>4 | 26  | (US-20040199727-\$ or US-20020083275-\$).did. or<br>(US-7003556-\$ or US-6986018-\$ or US-6985754-\$ or<br>US-6985722-\$ or US-6983288-\$ or US-6959320-\$ or<br>US-6952712-\$ or US-6918113-\$ or US-6879808-\$ or<br>US-6874017-\$ or US-6873975-\$ or US-6842770-\$ or<br>US-6757788-\$ or US-6697899-\$ or US-6526469-\$ or<br>US-6430618-\$ or US-6415357-\$ or US-6374332-\$ or<br>US-6205481-\$ or US-5940594-\$ or US-5896506-\$ or<br>US-5889952-\$ or US-5854891-\$ or US-5535361-\$).did.   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/17 10:17 |
| S12<br>5 | 382 | encrypted with cache   | US-PGPUB;<br>USPAT | OR | ON | 2006/10/07 15:54 |
| S12<br>6 | 224 | encrypted with cache and access with (control privileges)  | US-PGPUB;<br>USPAT | OR | ON | 2006/10/07 16:15 |
| S12<br>7 | 18  | encrypted with cache same access with (control privileges)   | US-PGPUB;<br>USPAT | OR | ON | 2006/10/07 15:59 |
| S12<br>8 | 8   | encrypted with cache and access with (control privileges) and<br>smartcard   | US-PGPUB;<br>USPAT | OR | ON | 2006/10/07 16:16 |

## EAST Search History

|          |      |   |                              |    |    |                  |
|----------|------|---|------------------------------|----|----|------------------|
| S12<br>9 | 224  | encrypted with cache and access with (control privilege)  | US-PGPUB;<br>USPAT           | OR | ON | 2006/10/07 16:24 |
| S13<br>0 | 587  | (encrypted secure) with cache and access with (control privilege)   | US-PGPUB;<br>USPAT           | OR | ON | 2006/10/07 16:24 |
| S13<br>1 | 182  | (encrypted secure) with cache and access with (control privilege)   | USPAT                        | OR | ON | 2006/10/07 16:25 |
| S13<br>2 | 25   | (encrypted secure) with cache same access with (control privilege)  | USPAT                        | OR | ON | 2006/10/07 16:25 |
| S13<br>3 | 56   | ("20020073082"   "20020088011"   "20020095590"  <br>"20020099784"   "20020103818"   "20020111996"  <br>"20030046533"   "20030135586"   "20040068652"   "5317728"  <br>"5371794"   "5452447"   "5588147"   "5778395"   "5873085"  <br>"5901227"   "5907673"   "5909540"   "5915096"   "5950198"  <br>"5991414"   "5991771"   "6026474"   "6067545"   "6098079"  <br>"6160552"   "6167449"   "6185574"   "6233606"   "6263348"  <br>"6295538"   "6324544"   "6345288"   "6370547"   "6389433"  <br>"6405315"   "6415372"   "6463535"   "6466978"   "6477544"  <br>"6484204"   "6493804"   "6510426"   "6522423"   "6535894"  <br>"6556998"   "6560706"   "6577734"   "6671821"   "6704730"  <br>"6721880"   "6725373"   "6738797"   "6742114"   "6748538"  <br>"6766367").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/07 16:34 |
| S13<br>4 | 7    | ("5941947" "6018717" "6092202" "6105027" "6158007" "61792<br>05" "6273335").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/07 16:36 |
| S13<br>5 | 1    | ("5854891").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/07 16:36 |
| S13<br>6 | 34   | ("4652990"   "4683553"   "4747139"   "4799153"   "5212279"  <br>"5222133"   "5293424"   "5329623"   "5353124"   "5375037"  <br>"5448045"   "5497464"   "5500517"   "5540597"   "5564055"  <br>"5584043"   "5590193"   "5596739"   "5610981"   "5615393").<br>PN. OR ("5854891").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/07 16:56 |
| S13<br>7 | 49   | virtual adj smart adj card  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/07 16:56 |
| S13<br>8 | 2    | virtual adj smart adj card same volatile  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/07 16:57 |
| S13<br>9 | 49   | virtual adj smart adj card  | US-PGPUB;<br>USPAT           | OR | ON | 2006/10/10 06:39 |
| S14<br>0 | 3020 | (smart adj card smartcard smart-card disc memory) with reader<br>with (store cache)   | US-PGPUB;<br>USPAT           | OR | ON | 2006/10/10 06:40 |
| S14<br>1 | 203  | (smart adj card smartcard smart-card disc memory) with reader<br>with (cache)   | US-PGPUB;<br>USPAT           | OR | ON | 2006/10/10 06:40 |
| S14<br>2 | 18   | ("5590200"   "5825876"   "5854891"   "5983003"   "6021497"  <br>"6216227"   "6247644"   "6308270"   "6360952").PN. OR<br>("6516357").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/10 07:37 |
| S14<br>3 | 24   | ("20010034593"   "20020011516"   "20020046016"  <br>"20020065646"   "20020065966"   "20020066791"  <br>"20020078283"   "20030037225"   "20040006584"   "5847372"  <br>"5991546"   "6070208"   "6122676"   "6168077"   "6173355"  <br>"6219736"   "6311294"   "6353867"   "6439464"   "6516357"  <br>"6625472"   "6760333"   "6769622"   "6941285").PN. OR<br>("7044390").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/10 08:17 |